

**Amendments to the Claims:**

Listing of Claims

1. (Currently Amended) In combination with a metalworking fluid, the improvement comprising the addition thereto of at least one antioxidant selected from the group consisting of alkylated diphenyl amines, N-alkylated phenylenediamines, alkylated monophenols, alkylated hydroquinones, hydroxylated thiodiphenyl ethers, alkylidenebis phenols, benzyl compounds, acylaminophenols, and esters and amides of hindered phenol-substituted alkanolic acids and at least one biocide selected from the group consisting of triazines, phenols, morpholines, formaldehyde releasers, azoniatricyclodecanes, omadines, and oxazolidines in amounts sufficient to reduce oxidative and biological degradation.
2. (Original) The combination of claim 1 wherein the antioxidant is selected from the group consisting of alkylated diphenyl amines and N-alkylated phenylenediamines.
3. (Original) The combination of claim 2 wherein the antioxidant is selected from the group consisting of diphenylamine, dialkylated diphenylamine, trialkylated diphenylamine, or mixtures thereof, 3-hydroxydiphenylamine, 4-hydroxydiphenylamine, N-phenyl-1,2-phenylenediamine, N-phenyl-1,4-phenylenediamine, mono- and/or di-butyl-diphenylamine, mono- and/or di-octyl-diphenylamine, mono- and/or di-nonyl-diphenylamine, phenyl- $\alpha$ -naphthylamine, phenyl- $\beta$ -naphthylamine, di-heptyl-diphenylamine, mono- and/or di-( $\alpha$ -methylstyryl)diphenylamine, mono- and/or di-styryl-diphenylamine, N,N'-diisopropyl-p-phenylenediamine, N,N'-bis(1,4-dimethylpentyl)-p-

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phenylenediamine, N,N'-bis(1-ethyl-3-methylpentyl)-p-phenylenediamine, N,N'-bis(1-methylheptyl)-p-phenylenediamine, N,N'-diphenyl-p-phenylenediamine, N,N'-di-(naphthyl-2)-p-phenylenediamine, N-isopropyl-N'-phenyl-p-phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine, N-(1-methylpentyl)-N'-phenyl-p-phenylenediamine, N-cyclohexyl-N'-phenyl-p-phenylenediamine, 4-(p-toluenesulfonamido)diphenylamine, 4-isopropoxydiphenylamine, tert-octylated N-phenyl-1-naphthylamino, and mixtures of mono- and dialkylated t-butyl-t-octyldiphenylamines.

4. (Original) The combination of claim 1 wherein the antioxidant is selected from the group consisting of butylated (45%) octylated (19%) diphenylamine, octylated phenyl- $\alpha$ -naphthylamine, mono-, di-, and tri-nonylated diphenylamine, 3,5-di-t-butyl-4-hydroxyhydrocinnamic acid C<sub>7</sub>-C<sub>9</sub> branched alkyl ester, and butylated (30%) octylated (24%) diphenylamine.

5. (Original) The combination of claim 4 wherein the antioxidant is butylated (30%) octylated (24%) diphenylamine.

6-7 (Canceled)

8. (Currently Amended) The combination of claim 6 1 wherein the antioxidant is selected from the group consisting of thiodiethylene-bis(3,5-di-t-butyl-4-hydroxyhydrocinnamate and 2,6-di-t-butyl hydroxytoluene.

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9. (Canceled)

10. (Currently Amended) The combination of claim 9 1 wherein the biocide is selected from the group consisting of ~~tris(hydroxymethyl)nitromethane~~, 1,3,5-tris(2-hydroxyethyl)-S-triazine, hexahydro-1,3,5-tris(2-hydroxyethyl)-S-triazine, hexahydro-1,3,5-triethyl-S-triazine, hexahydro-1,3,5-tris(2-hydroxyethyl)-S-triazine iodine complex, and 1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride).

11. (Original) The combination of claim 10 wherein the biocide is 1,3,5-tris(hydroxyethyl)-s-triazine.

12. (Currently Amended) A method for reducing the oxidative and biological degradation of a metalworking fluid comprising adding thereto at least one antioxidant selected from the group consisting of alkylated diphenyl amines, N-alkylated phenylenediamines, alkylated monophenols, alkylated hydroquinones, hydroxylated thiodiphenyl ethers, alkylidenebis phenols, benzyl compounds, acylaminophenols, and esters and amides of hindered phenol-substituted alkanoic acids and at least one biocide selected from the group consisting of triazines, phenols, morpholines, formaldehyde releasers, azoniatricyclodecanes, omadines, and oxazolidines.

13. (Original) The method of claim 12 wherein the antioxidant is selected from the group consisting of alkylated diphenyl amines and N-alkylated phenylenediamines.

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14. (Original) The method of claim 13 wherein the antioxidant is selected from the group consisting of diphenylamine, dialkylated diphenylamine, trialkylated diphenylamine, or mixtures thereof, 3-hydroxydiphenylamine, 4-hydroxydiphenylamine, N-phenyl-1,2-phenylenediamine, N-phenyl-1,4-phenylenediamine, mono- and/or di-butyl-diphenylamine, mono- and/or di-octyl-diphenylamine, mono- and/or di-nonyl-diphenylamine, phenyl- $\alpha$ -naphthylamine, phenyl- $\beta$ -naphthylamine, di-heptyl-diphenylamine, mono- and/or di-( $\alpha$ -methylstyryl)diphenylamine, mono- and/or di-styryl-diphenylamine, N,N'-diisopropyl-p-phenylenediamine, N,N'-bis(1,4-dimethylpentyl)-p-phenylenediamine, N,N'-bis(1-ethyl-3-methylpentyl)-p-phenylenediamine, N,N'-bis(1-methylheptyl)-p-phenylenediamine, N,N'-diphenyl-p-phenylenediamine, N,N'-di-(naphthyl-2)-p-phenylenediamine, N-isopropyl-N'-phenyl-p-phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine, N-(1-methylpentyl)-N'-phenyl-p-phenylenediamine, N-cyclohexyl-N'-phenyl-p-phenylenediamine, 4-(p-toluenesulfonamido)diphenylamine, 4-isopropoxydiphenylamine, tert-octylated N-phenyl-1-naphthylamino, and mixtures of mono- and dialkylated t-butyl-t-octyl-diphenylamines.

15. (Original) The method of claim 12 wherein the antioxidant is selected from the group consisting of butylated (45%) octylated (19%) diphenylamine, octylated phenyl- $\alpha$ -naphthylamine, mono-, di-, and tri-nonylated diphenylamine, 3,5-di-t-butyl-4-hydroxy-hydrocinnamic acid C<sub>7</sub>-C<sub>9</sub> branched alkyl ester, and butylated (30%) octylated (24%) diphenylamine.

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16. (Original) The method of claim 15 wherein the antioxidant is butylated (30%) octylated (24%) diphenylamine.

17-18 (Canceled)

19. (Currently Amended) The method of claim ~~17~~ 12 wherein the antioxidant is selected from the group consisting of thiodiethylene-bis(3,5-di-t-butyl-4-hydroxyhydrocinnamate and 2,6-di-t-butyl hydroxytoluene.

20. (Canceled)

21. (Currently Amended) The method of claim ~~20~~ 12 wherein the biocide is selected from the group consisting of ~~tris(hydroxymethyl)nitromethane~~, 1,3,5-tris(2-hydroxyethyl)-S-triazine, hexahydro-1,3,5-tris(2-hydroxyethyl)-S-triazine, hexahydro-1,3,5-triethyl-S-triazine, hexahydro-1,3,5-tris(2-hydroxyethyl)-S-triazine iodine complex, and 1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride).

22. (Original) The method of claim 21 wherein the biocide is 1,3,5-tris(hydroxyethyl)-s-triazine.

23. (New) A method for reducing the oxidative and biological degradation of a metalworking fluid comprising adding thereto, in amounts sufficient to reduce oxidative and biological degradation, at least one antioxidant selected from the group consisting of butylated (45%) octylated (19%) diphenylamine, octylated phenyl- $\alpha$ -naphthylamine, mono-, di-, and tri-nonylated diphenylamine, 3,5-di-t-butyl-4-hydroxy-hydrocinnamic acid C<sub>7</sub>-C<sub>9</sub> branched alkyl ester, butylated (30%) octylated (24%) diphenylamine, thiodiethylene-bis(3,5-di-t-butyl-4-hydroxyhydrocinnamate, and 2,6-di-t-butyl hydroxytoluene and at least one biocide selected from the group consisting of 1,3,5-tris(2-hydroxyethyl)-S-triazine, hexahydro-1,3,5-tris(2-hydroxyethyl)-S-triazine, hexahydro-1,3,5-triethyl-S-triazine, hexahydro-1,3,5-tris(2-hydroxyethyl)-S-triazine iodine complex, and 1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride).

24. (New) The method of claim 23 wherein the biocide is 1,3,5-tris(hydroxyethyl)-s-triazine.

25. (New) The method of claim 23 wherein the antioxidant is selected from the group consisting of butylated (45%) octylated (19%) diphenylamine, octylated phenyl- $\alpha$ -naphthylamine, mono-, di-, and tri-nonylated diphenylamine, 3,5-di-t-butyl-4-hydroxy-hydrocinnamic acid C<sub>7</sub>-C<sub>9</sub> branched alkyl ester, and butylated (30%) octylated (24%) diphenylamine.

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26. (New) The method of claim 25 wherein the antioxidant is butylated (30%) octylated (24%) diphenylamine.

27. (New) The method of claim 24 wherein the antioxidant is selected from the group consisting of butylated (45%) octylated (19%) diphenylamine, octylated phenyl- $\alpha$ -naphthylamine, mono-, di-, and tri-nonylated diphenylamine, 3,5-di-t-butyl-4-hydroxy-hydrocinnamic acid C<sub>7</sub>-C<sub>9</sub> branched alkyl ester, and butylated (30%) octylated (24%) diphenylamine.

28. (New) The method of claim 27 wherein the antioxidant is butylated (30%) octylated (24%) diphenylamine.